

## **Shahjalal Fertilizer Company Limited (SFCL) At a Glance**

Bangladesh Chemical Industries Corporation (BCIC), the largest sector corporation in the country under the Ministry of Industries (MOI) was established in 1976 vide 2<sup>nd</sup> amendment of P.O.27 upon merging of Bangladesh Paper and Board Corporation; Bangladesh Fertilizer, Chemical and Pharmaceutical Corporation and Bangladesh Tanneries Corporation.

At present 13 (thirteen) enterprise of BCIC are in operation out of which 6 (six) are urea fertilizer factories. The total installed capacities of the above 6 (six) urea fertilizer factories are 2.30 million M.T. per annum. Due to aging & pro-long operation, the production capacities of 6 (six) urea fertilizer factories have already been decreased. Presently the demand of urea fertilizer in the country is about 3 million MT per annum. This demand is increasing day by day. To meet the growing demand of urea fertilizer a modern technology based, energy efficient and environment friendly granular urea fertilizer factory named Shahjalal Fertilizer Company Limited (SFCL) with an annual capacity of 5,80,800 MT was installed successfully at the adjacent site of recently abolished Natural Gas Fertilizer Factory Limited (NGFFL), Fenchugonj, Sylhet. The salient features of the factory are as follows:-

1.	Name of the Factory	Shahjalal Fertilizer Company Limited (SFCL).		
2.	a) Administrative Ministry	Ministry of Industries (MOI).		
	b) Executing Agency	Bangladesh Chemical Industries Corporation (BCIC).		
3.	Main Objective	To set up a new Urea Fertilizer Factory having production capacity 1760 MTPD (i.e. 5,80,800 MTPY) of Granular Urea at the premises of Natural Gas Fertilizer Factory Limited (NGFFL), Fenchugonj, Sylhet.		
4.	Location	Fenchuganj, Sylhet & Rajnagar, Moulvibazar.		
5.	Area of land	Total land – 165 acres. Factory: 57 acres (approx)		
6.	Estimated Cost (In Lakh Taka) Revised	<u>GOB</u>	<u>PA</u>	<u>Total</u>
		88836.72	398608.00	487444.72
7.	Mode of financing			
	a) From Chinese Government	1.60 billion RMB Yuan (about US\$ 235 million) from Chinese Government as Concessional Loan and about US\$ 325 million Preferential Buyer's Credit (PBC) from Exim Bank of China i.e. US\$ 560 million in total Chinese Loan .		
	b) From GOB	Tk.88836.72 lakh in Local currency from GOB.		
8.	Project Implementation Period			
	a) Planning	January, 2012-June, 2015.		
	b) Actual	January, 2012-June, 2017.		
9	(a) General Contractor of the Project	China National Complete Plant Import & Export Corporation (COMPLANT).		
	(b) Design-Engineering Company of the Project	China Chengda Engineering Company Ltd. (M/S. CHENGDA).		
10.	Process Licensors	(a) Ammonia: Kellog, Brown & Roots (KBR), USA. (b) Urea: Stamicarbon b.v., The Netherlands. (c) Urea Granulation: Stamicarbon Process.		
11	Contract Price (LSTK)	569.96 million US\$ (560 million US\$ Chinese Govt. Loan) and Tk. 74.70 crores GOB).		

12.	(a) Main Raw Material of the Project (b) Usage Ratio of Raw Material	Natural Gas. 22 MCF/M.T of Urea.					
13.	Power Generation Capacity	STG-12×2= 24 MW					
14.	Quality of Urea	Nitrogen (min) - 46.1% by wt Moisture (max) - 0.30% by wt Biuret (max) - 0.90% by wt Formaldehyde (max) - 0.35% by wt					
15.	Granular size	2-4 mm: 90% (min).					
16.	Storage Capacity	Bulk Urea - 70,400 M.T Bagged Urea - 15,000 M.T Liquid Ammonia - 10,000 M.T					
17.	Handling Capacity	Bagging 240 M.T/H					
18.	Manpower	Execution Period – 125 Nos. Operation Period – 865 Nos.					
19.	Other Facilities	Recreation facilities with Educational Institution, Mosque etc.					
20.	Debt-Equity Ratio	60 : 40					
21.	Latest Project Update	01-12-2011: Development Project Proposal (DPP) approved by ECNEC. 16-04-2012: Effective date of Commercial Contract. 20-09-2015: Start of trial Production. <table border="1" data-bbox="673 835 1383 898"> <tr> <td rowspan="2">Plant Handover</td> <td>Planning</td> <td>Actual</td> </tr> <tr> <td>June15,2015</td> <td>February29,2016</td> </tr> </table> 01-03-2016: Start of Commercial Production.	Plant Handover	Planning	Actual	June15,2015	February29,2016
Plant Handover	Planning	Actual					
	June15,2015	February29,2016					

As the production of Shahjalal Fertilizer Company Limited start, about 5,80,800 MT of urea fertilizer will not be imported from abroad, as a result, huge amount of hard earned foreign currency(about Tk 1500 core) will be saved. Besides this, food security will be ensured as a result of application of urea fertilizer produced in the factory and the produced fertilizer will play a vital role to increase food production.